

### OATH OR DECLARATION

The Examiner has stated that the Oath or Declaration is defective. A new Oath or Declaration will be submitted in compliance with 37 C.F.R. §1.67(a).

### 35 U.S.C. §119(e)

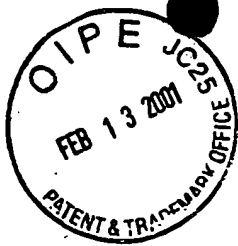
The Examiner objects to the application receiving the benefit of an earlier filing date under 35 U.S.C. §119(e) because Applicants have not complied with 37 C.F.R. §1.78. Specifically, there is no specific reference to the prior application in the first sentence of the application. Applicants respectfully traverse and request withdrawal of the objection. 37 C.F.R. §1.78(a)(2) states that "any nonprovisional application claiming the benefit of one or more prior filed copending *nonprovisional* applications or international applications" (emphasis added) must contain a reference to the prior application in the first sentence of the application. Applicants, however, are claiming the benefit of a prior *provisional* application and therefore are not required under 37 C.F.R. §1.78(a) to provide a specific reference to the prior filed application in the specification. Applicants therefore request withdrawal of the objection.

### SPECIFICATION

The Examiner has objected to the specification because of informalities. Applicants respectfully traverse and request reconsideration of the objection.

Applicants have amended the specification to replace Ga with Ba, the correct symbol for barium. However, Applicants submit that the phrase "consisting essentially of" is a properly used phrase and need not be amended to "consisting of." Furthermore, the Examiner has not provided a reason as to why this phrasing is objected to. Therefore, Applicants request withdrawal of the objection.

A



35 U.S.C. §112, FIRST PARAGRAPH

The Examiner has rejected Claim 23 under 35 U.S.C. §112, first paragraph, as containing subject matter not described in the specification. Applicants respectfully traverse and request reconsideration.

Applicants submit that the specification teaches doping of the compound with at least one dopant, as claimed in Claim 23. The specification teaches that the compound can be doped with "one electron deficient *elements* such as " the Group IV or Group III elements. (page 9, lines 9-11; emphasis added). Therefore a plurality of elements, having a deficiency of one electron (i.e., Group IV or Group III elements), may be added to dope the compound. Applicants therefore respectfully request withdrawal of the rejection.

35 U.S.C. §112, SECOND PARAGRAPH

The Examiner has rejected Claims 1, 12, 17, 22 and 24 as being indefinite. Applicants respectfully traverse and request reconsideration.

The Examiner believes that Claims 1, 12, 22 and 24 are indefinite because the variables *n* and *m* are not defined. In an effort to expedite prosecution of this case, but in no way conceding to the validity of the Examiner's rejection, Applicants have amended Claims 1, 12, 22 and 24 to include definitions for *n* and *m*.

The Examiner also believes Claim 17 is indefinite as to the definition as "NaCl-like." In an effort to expedite prosecution of this case but in no way conceding to the validity of the Examiner's rejection, Applicants have amended Claim 17 to replace "NaCl-like" with "NaCl-type" as suggested by the Examiner.

Applicants thus submit that the amended claims are definite and therefore request withdrawal of the rejection.

35 U.S.C. §102(b)

The Examiner has rejected Claims 1, 3, 5, 7, 11, 12, 14, 17, 18, 21-24 and 29-31 under 35 U.S.C. §102(b) as being anticipated by Wernick. The Examiner has also rejected Claims 1, 3, 7, 11, 12, 16-18, 21-24 and 29-31 under 35 U.S.C. §102(b) as being anticipated by either Rupprecht or U.S. Patent No. 3,211,655. The Examiner has further rejected Claims 1, 3, 5, 7, 11, 12, 14, 17, 18 and 21 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 3,238,134. Finally, the Examiner has rejected Claims 1, 3, 7 and 11 under 35 U.S.C. §102(b) as being anticipated by Skrabek et al. Applicants respectfully traverse and request reconsideration.

In an effort to expedite prosecution of this case, but in no way conceding to the validity of Examiner's rejection, Applicants have amended independent Claims 1, 12, 22 and 24 such that element A of the claimed compound is chosen from the group consisting of Li, Na, K, Rb, Cs, and Tl. Applicants submit that none of the references cited by the Examiner disclose, teach or suggest a compound comprising these elements and have the formula  $A_nM_mM'_nQ_{zntm}$ . Therefore Applicants respectfully request withdrawal of the rejection.

35 U.S.C. §103(a)

The Examiner has rejected Claims 8 and 19 under 35 U.S.C. §103(a) as being unpatentable over Fraden in view of Wernick, Rupprecht, U.S. Patent No. 3,211,656, U.S. Patent No. 3,238,134 and Skrabek et al. Claim 10 has also been rejected under 35 U.S.C. §103(a) as being unpatentable over Iwanczyk et al. in view of Wernick, Rupprecht, U.S. Patent